

Amendments to the Claims

The listing of claims below is intended to replace all prior listings of claims presented in the above-identified application.

1-27 (canceled).

28. (currently amended) A polymer ~~processing aid~~, -containing composition comprising hexagonal boron nitride platelets having an aspect ratio of from about 50 to about 300 and a polymer.

29. (currently amended) The polymer ~~processing aid~~, -containing composition according to claim 28, wherein the platelets have a surface area of at least about 20 m²/g.

30. (currently amended) The polymer ~~processing aid~~, -containing composition according to claim 29, wherein the platelets have a surface area of at least about 40 m²/g.

31. (currently amended) The polymer ~~processing aid~~, -containing composition according to claim 30, wherein the platelets have a surface area of at least about 60 m²/g.

32. (currently amended) The polymer ~~processing aid~~, -containing composition according to claim 28, wherein the platelets have a characteristic diameter greater than about 1 micron.

33. (currently amended) The polymer ~~processing aid~~, -containing composition according to claim 28, wherein the platelets have a D₁₀ diameter of between about 1 mm and about 2.5 mm.

34. (currently amended) The polymer ~~processing aid~~, containing composition according to claim 28, wherein the platelets have a thickness of no more than about 50 nm.

35. (currently amended) The polymer ~~processing aid~~, containing composition according to claim 28, wherein the platelets have a crystallization index of at least 0.15.

36. (currently amended) The polymer ~~processing aid~~ containing composition according to claim 28, wherein the polymer ~~processing aid~~ containing composition comprises no more than about 500 ppm B₂O₃.

37. (currently amended) The polymer ~~processing aid~~ containing composition according to claim 28, wherein the ~~polymer processing aid~~ hexagonal boron nitride powder comprises at least about 0.5 wt% B₂O₃.

38. (currently amended) The polymer ~~processing aid~~ containing composition according to claim 28, wherein the polymer is a thermoplastic polymer.

39. (currently amended) A polymer-containing composition, comprising:
a melt processable polymer ~~and~~;
a polymer processing aid ~~comprising~~; and
hexagonal boron nitride platelets having an aspect ratio of from about 50 to about 300 ~~and a polymer~~.

40. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a surface area of at least about 20 m²/g.

41. (currently amended) The polymer-containing composition according to claim 40, wherein the platelets have a surface area of at least about 40 m²/g.

42. (currently amended) The polymer-containing composition according to claim 41, wherein the platelets have a surface area of at least about 60 m²/g.

43. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a characteristic diameter greater than about 1 micron.

44. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a D_{10} diameter of between about 1 mm and about 2.5 mm.

45. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a thickness of no more than about 50 nm.

46. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a crystallization index of at least 0.15.

47. (currently amended) The polymer-containing composition according to claim 39, wherein the ~~polymer processing aid~~ hexagonal boron nitride powder comprises no more than about 500 ppm B_2O_3 .

48. (currently amended) The polymer-containing composition according to claim 39, wherein the ~~polymer processing aid~~ hexagonal boron nitride powder comprises at least about 0.5 wt% B_2O_3 .

49. (currently amended) The polymer-containing composition according to claim 39, wherein the melt processable polymer is a thermoplastic polymer.

50. (canceled)